Private Sector's share in Power Generation

643. SHRI CHIMANBHAI MEHTA:
SHRI SOM PAL:
SHRIMATI MIRA DAS:

Will the Minister of ENERGY be pleased to refer to the answer to Starred Question 159 given in the Rajya Sabha on the 7th January, 1991 and state:

(a) what is the average plant load factor in India, State-wise, including the Central Sector and what is the plant load factor in major private sector power houses; and

(b) what are the reasons for losses of power in transmission and whether any device has been worked out to control, detect or prevent such losses?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI BABANRAO DHAKNE): (a) A Statement indicating plant load factor in respect of thermal power stations of State Electricity Boards, Central thermal power stations and private sector during January, 1991 is enclosed.

(b) The high transmission and distribution losses in the country are primarily due to the following factors:—

(i) Weak and inadequate sub-transmission and distribution systems.

(ii) Low power factor opereration due to inadequate reactive compensation in the system.

(iii) Long low voltage distribution lines.

(iv) Large scale rural electrification programme undertaken in the country resulting in long rural lines and low power factor in many areas.

(v) Too many transformation stages, resulting in higher component of transformer losses.

(vi) Pilferage and theft of energy.

(vii) Improper load management, resulting in over-loading of systems.

(viii) Unmetered supply.

(ix) Financial constraints to undertake system improvement schemes and to provide the required adfinistrative machinery to check theft and pilferage of energy.

Comprehensive guidelines have been issued to the power Utilities for reducing the losses. These include, *inter-alia* conducting of the energy audit for identifying the system elements responsible for excessive losses, installing capacitors to improve the voltage profile, preparation of system improvement schemes for strengthening and improvement of their transmission and distribution systems, installing temper proof meter boxes to check theft of energy and setting up vigilance squads to detect cases of theft of energy. The theft of energy has been made a cognizable offence under the provisions of Section 39 of Indian Electricity Act, 1910. An Incentive Scheme was introduced by the Government of India with effect from the year 1987 for bringing about reduction in the Transmission and Distribution losses.

Statement

Plant load factor of various State Electricity Boards Central Sector and Private Sector generating stations during January, 1991

Name of the Utility/Station	Plant Load Factor during January, 1991 (%)*
1	2
THERMAL	
1. *S.E.B.S.*	
D.E.S.U.	53·8
J. & K.	—
H.S.E.B.	44·4
R.S.E.B.	56·3
P.S.E.B.	63·8
U.P.S.E.B.	57·9
U.P. VID. UT.	—
G.E.B.	58·3
M.S.E.B.	69·5
M.P.E.B.	59·7
A.P.S.E.B.	76·2
T.N.E.B.	63·6
K.S.E.B.	89·9
B.S.E.B.	21·0
O.S.E.B.	33·3
W.B.S.E.B.	29·1
W.B.P.DEV. C.	39·4
D.P.L.	25·2
A.S.E.B.	33·5
TRIPURA	—
TOTAL S.E.B.	57·1
2. *CENTRAL SECTOR*	
N.T.P.C.	
Balarpur	67·7
S.T.P.S.	
Singrauli	66·8

1	2
Rihand STPS	66·0
Korba STPS	59·7
Vindh STPS	81·4
Rigundam STPS	76·4
Farakka STPS	55·9
TOTAL STPS	67·4
Anta (GT)	—
Auraiya (CT)	—
TOTAL NTPC	67·4
Neyveli	73·4
D.V.C.	33·9
TOTAL CENTRAL SECTOR	63·7
3. *PRIVATE SECTOR*	
A.E.C.O.	60·4
Trombay	38·7
C.B.S.C'	61·4
TOTAL PVT. SECTOR	47.8
4. TOTAL ALL INDIA	58·5

* Based on Actual -Cum- Assessment

Expansion of Dabolin Airport in Goa

644. SHRI JOHN F. FERNANDES: Will the Minister of CIVIL AVIATION be pleased to state:

(a) whether Government are aware of hardships being faced by travelling public as Dabolin airport at Goa can accommodate only one Boing and one Airbus at a time;

(b) whether there was any plan to expand the airport; and

(c) if so, what are the details thereof and by when the work for expansion is likely to start?

THE MINISTER OF STATE OF THE MINISTRY OF CIVIL AVIATION (SHRI HARMOHAN DHAWAN): (a) Yes, Sir.

(b) Yes, Sir.

(c) There is a proposal to extend and modify the existing terminal building and construct a new international block for limited international operations. The work is planned to be taken up during 1991-92.

Expansion of Civil Terminal of Dabolin Airport, Goa

645. SHRI JOHN F. FERNANDES: Will the Minister of CIVIL AVIATION be pleased to state:

(a) whether Government are aware of the need for expansion of Civil Terminal at Dabolin airport, Goa as a part of it has not been released by the Indian Navy;

(b) whether Government would consider for providing an open space on the first floor of the terminal building of departure lounge which